

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC

LOCATION.--Lat 34°55'15'', long 82°07'49'', Spartanburg County, Hydrologic Unit 03050107, on downstream side of County Road 242 bridge, 2.0 mi south of Lyman and 1.5 mi southwest of Duncan, SC.

DRAINAGE AREA.--94.4 mi².

PERIOD OF RECORD.--February 2001 to September 2001.

GAGE.--Data collection platform. Elevation of gage is 728 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	100	218	57	170	39	41	16
2	---	---	---	---	---	92	180	46	134	23	37	60
3	---	---	---	---	---	87	159	43	91	39	34	55
4	---	---	---	---	---	140	147	42	73	34	35	153
5	---	---	---	---	---	110	133	40	61	62	35	38
6	---	---	---	---	---	93	124	38	51	52	33	28
7	---	---	---	---	---	84	116	35	46	37	31	25
8	---	---	---	---	---	72	107	34	51	34	29	23
9	---	---	---	---	---	63	99	42	62	34	27	23
10	---	---	---	---	---	61	93	56	48	30	26	25
11	---	---	---	---	---	60	86	40	45	27	24	24
12	---	---	---	---	---	70	84	39	40	23	21	22
13	---	---	---	---	---	120	85	37	38	25	21	22
14	---	---	---	---	---	93	84	35	37	22	23	24
15	---	---	---	---	---	193	88	31	34	20	21	30
16	---	---	---	---	---	182	87	28	33	20	20	21
17	---	---	---	---	123	153	80	26	31	20	21	21
18	---	---	---	---	96	128	75	25	27	19	20	20
19	---	---	---	---	77	110	66	24	24	24	21	20
20	---	---	---	---	69	274	61	25	21	196	18	25
21	---	---	---	---	66	377	60	49	20	48	17	22
22	---	---	---	---	e90	276	58	63	35	34	16	27
23	---	---	---	---	e80	207	57	76	30	29	15	33
24	---	---	---	---	71	169	56	68	21	48	16	170
25	---	---	---	---	138	143	70	76	21	233	15	265
26	---	---	---	---	155	125	66	82	38	177	15	174
27	---	---	---	---	138	110	61	71	24	106	e15	113
28	---	---	---	---	119	102	55	65	22	79	15	83
29	---	---	---	---	---	e280	50	73	21	65	16	64
30	---	---	---	---	---	413	45	58	31	56	15	51
31	---	---	---	---	---	276	---	49	---	47	15	---
TOTAL	---	---	---	---	1222	4763	2750	1473	1380	1702	708	1677
MEAN	---	---	---	---	102	154	91.7	47.5	46.0	54.9	22.8	55.9
MAX	---	---	---	---	155	413	218	82	170	233	41	265
MIN	---	---	---	---	66	60	45	24	20	19	15	16
CFM	---	---	---	---	1.08	1.63	.97	.50	.49	.58	.24	.59
IN.	---	---	---	---	.48	1.88	1.08	.58	.54	.67	.28	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2001, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	154	91.7	47.5	46.0	54.9	22.8	55.9
MAX	---	---	---	---	---	154	91.7	47.5	46.0	54.9	22.8	55.9
(WY)	---	---	---	---	---	2001	2001	2001	2001	2001	2001	2001
MIN	---	---	---	---	---	154	91.7	47.5	46.0	54.9	22.8	55.9
(WY)	---	---	---	---	---	2001	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS

FOR 2001 WATER YEAR

HIGHEST DAILY MEAN	413	Mar 30
LOWEST DAILY MEAN	15	Aug 23
ANNUAL SEVEN-DAY MINIMUM	15	Aug 25
MAXIMUM PEAK FLOW	Unknown	Mar 29
MAXIMUM PEAK STAGE	7.77	Mar 29
10 PERCENT EXCEEDS	153	
50 PERCENT EXCEEDS	48	
90 PERCENT EXCEEDS	21	

e Estimated

SANTEE RIVER BASIN

02158408 SOUTH TYGER RIVER BELOW DUNCAN, SC--Continued

